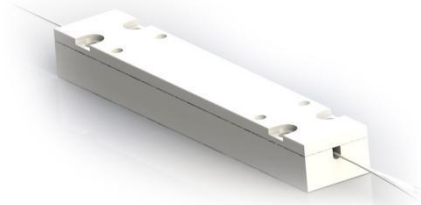


Introduction



CSRAYZER's **Mode Field Adaptors MFA** is designed to makes two fiber to keep mode field diameter matched with low fundamental mode signal loss and minimal degradation of beam quality (M2). It can also be used to absorb residual pump light in the reverse direction, preventing damage to the seed or isolator. Usually, mode field is different in fibers with different core diameter and NA, and splicing loss is large between two fibers with different mode field. In order to reduce splicing loss, mode field must be similar. MFA can optimize splice loss significantly, usually <0.5dB, even <0.3dB between different fibers.



Specification

Input Fiber	Output Fiber	Max. Signal Loss	Handing Power
Hi1060 or 6/125 GDF	10/125 GDF Or GSF	≤0.3dB	25W
	15/125 GDF Or GSF	≤0.3dB	25W
	20/125 GDF Or GSF	≤0.5dB	25W
	25/250 GDF Or GSF	≤0.5dB	25W
	30/250 GDF Or GSF	≤0.5dB	25W
	20/400 GDF Or GSF	≤0.5dB	25W
10/125 GDF or GSF	20/125 GDF Or GSF	≤0.5dB	30W
	25/250 GDF Or GSF	≤0.5dB	30W
15/125 GDF Or GSF	20/125 GDF Or GSF	≤0.5dB	30W
	25/250 GDF Or GSF	≤0.5dB	50W
20/125 GDF or GSF	20/400 GDF or GSF	≤0.3dB	100W
20/400 GDF or GSF	25/400 GDF or GSF	≤0.3dB	100W
PM980	PM 10/125 GDF or GSF	≤0.5dB	25W
	PM 20/125 GDF or GSF	≤0.5dB	25W
	PM 25/250 GDF	≤0.5dB	25W
PM 10/125 GDF	PM 20/125 GDF	≤0.5dB	30W
	PM 30/250 GDF	≤0.5dB	30W

Ordering Information

MFA-①-②-③-④-⑤-⑥-⑦

①Operating Wavelength	②Direction	③Input Fiber Type	④Output Fiber Type	⑤Handing Power	⑥Package Type	⑦Fiber Length
1064-1064nm	F-Forward	Hi1060	10/125 GDF	25-25W	C1-C1	1-1M
S-Specify	B-Backward	10/125 GDF	20/125 GDF	50-50W	C2-C2	S-Specify
		S-specify	S-Specify	S-Specify	S-Specify	